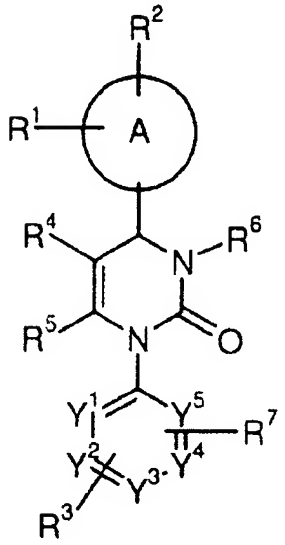
CLAIMS

1. (currently amended) A compound ~~Compounds~~ of the ~~general~~ formula (I)



wherein

A represents an aryl or heteroaryl ring, [[,]]

R^1, R^2, and R^3 independently from each other represent hydrogen, halogen, nitro, cyano, C_1-C_6-alkyl, hydroxy, or C_1-C_6-alkoxy, wherein C_1-C_6-alkyl and C_1-C_6-alkoxy can be further substituted with one to three identical or different radicals selected from the group consisting of halogen, hydroxyl, and C_1-C_4-alkoxy; [[,]]

R^4 represents: C_1-C_6-alkyl, which can be substituted by up to three radicals independently selected from the group consisting of hydroxy, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl;

[[,]] C_3-C_8-cycloalkylcarbonyl, which can be substituted by up to three radicals independently selected from the group consisting of C_1-C_6-alkyl, hydroxy, oxo, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl; [[,]] C_1-C_6-alkylcarbonyl, which is substituted by phenyl-C_1-C_6-alkoxy or phenyl-C_1-C_6-alkoxycarbonyl, which ~~for their part,~~ in the phenyl moiety[[,]] can be substituted by halogen, C_1-C_6-alkyl, hydroxy, C_1-C_6-alkoxy, C_1-C_6-alkoxycarbonyl, or hydroxycarbonyl; [[,]] C_6-C_{10}-arylcarbonyl, which is substituted by one, two, or three radicals independently selected from the group consisting of halogen, cyano, nitro, C_1-C_6-alkyl, trifluoromethyl, hydroxy, C_1-C_6-alkoxy, trifluoromethoxy, amino, C_1-C_6-alkoxycarbonyl, hydroxycarbonyl, and phenyl; [[,]] C_1-C_6-alkoxycarbonyl, which is substituted by one or two radicals independently selected from the group consisting of phenyl-C_1-C_6-alkoxy, phenyl-C_1-C_6-alkoxycarbonyl, C_1-C_6-alkoxy, C_1-C_6-alkoxycarbonylamino, and 5- or 6-membered heterocyclyl, wherein C_1-C_6-alkoxy is further substituted by C_1-C_6-alkoxycarbonyl, or hydroxycarbonyl, and 5- or 6-membered heterocyclyl is further substituted by hydroxy, oxo, C_1-C_6-alkoxycarbonyl, or hydroxycarbonyl; [[,]] heteroarylcarbonyl, which is substituted by one or two radicals independently selected from the group consisting of hydroxy, amino, halogen, C_1-C_6-alkoxy, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl, and which can additionally be substituted by C_1-C_6-alkyl; [[,]] mono- or di-C_1-C_6-alkylaminocarbonyl, wherein the alkyl moiety or at least one alkyl moiety, respectively, is substituted by C_6-C_{10}-aryl, which ~~for its part~~ can be further substituted by up to three radicals independently selected from the group consisting of halogen, cyano, trifluoromethyl, C_1-C_6-alkyl, hydroxy, C_1-C_6-alkoxy, trifluoromethoxy, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl; [[,]] C_6-C_{10}-arylaminocarbonyl or N-(C_1-C_6-alkyl)-N-(C_6-C_{10}-aryl)aminocarbonyl, wherein aryl is substituted by one, two, or three radicals independently selected from the group consisting of halogen, cyano, trifluoromethyl, C_1-C_6-alkyl, hydroxy, C_1-C_6-alkoxy, trifluoromethoxy, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl, and wherein alkyl, when present, can be

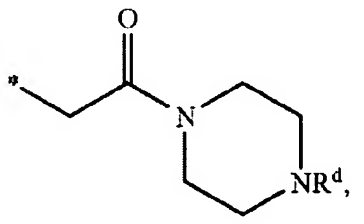
substituted by up to three radicals independently selected from the group consisting of hydroxy, C_1-C_6-alkoxy, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl; [[,]] C_3-C_8-cycloalkylaminocarbonyl or N-(C_1-C_6-alkyl)-N-(C_3-C_8-cycloalkyl)aminocarbonyl, wherein cycloalkyl can be substituted by up to three radicals independently selected from the group consisting of C_1-C_6-alkyl, hydroxy, oxo, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl, and wherein alkyl, when present, can be substituted by up to three radicals independently selected from the group consisting of hydroxy, C_1-C_6-alkoxy, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl; [[,]] heterocyclylcarbonyl, which is substituted by one, two, or three radicals independently selected from the group consisting of C_1-C_6-alkyl, hydroxy, oxo, C_1-C_6-alkoxy, C_1-C_6-alkoxycarbonyl, phenyl-C_1-C_6-alkoxycarbonyl, hydroxycarbonyl, 5- or 6-membered heterocyclyl, 5- or 6-membered heteroaryl, and C_6-C_{10}-aryl, wherein C_1-C_6-alkyl is further substituted by hydroxy, C_1-C_6-alkoxy, C_1-C_6-alkoxycarbonyl, or hydroxycarbonyl, and wherein C_6-C_{10}-aryl can be further substituted by up to three radicals independently selected from the group consisting of halogen, cyano, trifluoromethyl, C_1-C_6-alkyl, hydroxy, C_1-C_6-alkoxy, trifluoromethoxy, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl; [[,]] N-(heterocyclyl)aminocarbonyl, wherein heterocyclyl can be further substituted by up to three radicals independently selected from the group consisting of C_1-C_6-alkyl, hydroxy, oxo, C_1-C_6-alkoxy, C_1-C_6-alkoxycarbonyl, hydroxycarbonyl, and phenyl-C_1-C_6-alkyl; [[,]] a group of the formula –C(=O)–NR^a–SO_2–R^b, wherein R^a represents hydrogen or C_1-C_6-alkyl, and R^b represents C_1-C_6-alkyl, which can be substituted by trifluoromethyl, or R^b represents C_6-C_{10}-aryl, which can be substituted by C_1-C_6-alkyl, halogen, cyano, nitro, or trifluoromethyl; [[,]] or a group of the formula –P(=O)(OR^c)$_2$, wherein R^c represents hydrogen or C_1-C_6-alkyl; [[,]]

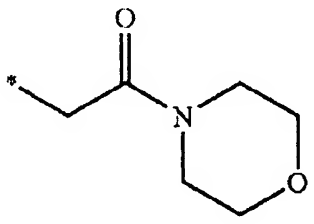
R^5 represents C_1-C_4-alkyl, which can be substituted with one to three identical or different radicals selected from the group consisting of halogen, hydroxy, C_1-C_6-alkoxy, C_2-C_6-

alkenoxy, C_1-C_6-alkylthio, amino, mono- and di-C_1-C_6-alkylamino, arylamino, hydroxycarbonyl, C_1-C_6-alkoxycarbonyl, and the radical –O-C_1-C_4-alkyl-O-C_1-C_4-alkyl; [[,]]

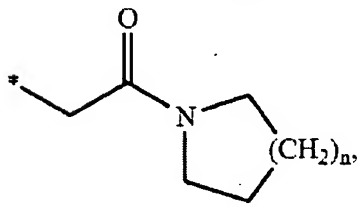
R^6 represents hydrogen, C_1-C_6-alkyl, formyl, aminocarbonyl, mono- or di-C_1-C_4-alkylaminocarbonyl, C_3-C_8-cycloalkylcarbonyl, C_1-C_6-alkylcarbonyl, C_1-C_6-alkoxycarbonyl, N-(C_1-C_4-alkylsulfonyl)-aminocarbonyl, N-(C_1-C_4-alkylsulfonyl)-N-(C_1-C_4-alkyl)-aminocarbonyl- , heteroaryl, heterocyclyl, heteroarylcarbonyl, or hetero-cyclylcarbonyl, wherein C_1-C_6-alkyl, mono- and di-C_1-C_4-alkylaminocarbonyl, C_1-C_6-alkylcarbonyl, C_1-C_6-alkoxycarbonyl, heteroaryl, and heterocyclyl can be substituted with one to three identical or different radicals selected from the group consisting of aryl, heteroaryl, hydroxy, C_1-C_4-alkoxy, hydroxycarbonyl, C_1-C_6-alkoxycarbonyl, aminocarbonyl, mono- and di-C_1-C_4-alkylaminocarbonyl, amino, mono- and di-C_1-C_4-alkylamino, C_1-C_4-alkylcarbonylamino, tri-(C_1-C_6-alkyl)-silyl, cyano, N-(mono- or di-C_1-C_4-alkylamino-C_1-C_4-alkyl)-aminocarbonyl, N-(C_1-C_4-alkoxy-C_1-C_4-alkyl)-aminocarbonyl, and halogen; [[,]] or

R^6 represents a moiety of the formula





or



wherein R^d is selected from the group consisting of hydrogen and C_1-C_6-alkyl, and n represents an integer of 1 or 2; [[,]] or

R^6 represents a group of the formula –T–U, wherein T represents a C_1-C_6-alkanediyl or C_2-C_6-alkenediyl group, and U represents: C_6-C_{10}-aryl or 5- or 6-membered heteroaryl, each of which is substituted by one, two, or three radicals independently selected from the group consisting of halogen, C_1-C_6-alkyl, 5- or 6-membered heteroaryl, and a group of the formula –V–W, wherein V represents a bond or a C_1-C_6-alkanediyl or C_2-C_6-alkenediyl group, both of which can be further substituted by C_3-C_8-cycloalkyl, and W represents C_1-C_6-alkoxycarbonyl or hydroxycarbonyl; [[,]] a group of the formula $-C(=O)-NR^e-SO_2-R^f$, wherein R^e represents hydrogen or C_1-C_6-alkyl, and R^f represents C_1-C_6-alkyl, which can be substituted by trifluoromethyl, or R^f represents C_6-C_{10}-aryl, which can be substituted by C_1-C_6-alkyl, halogen, cyano, nitro, or trifluoromethyl; [[,]] a group of the formula $-C(=O)-NR^gR^h$, wherein R^g represents hydrogen or C_1-C_6-alkyl, and R^h represents C_6-C_{10}-aryl, which can be substituted by C_1-C_6-alkoxycarbonyl or hydroxycarbonyl; [[,]] a group of the formula $-C(=O)-NR^i-OR^k$, wherein R^i and R^k independently from each other represent hydrogen or C_1-C_6-alkyl; [[,]] or C_6-C_{10}-arylalkoxy, which, in the aryl part, can be substituted by halogen, C_1-C_6-alkyl, C_1-C_6-alkoxycarbonyl, or hydroxycarbonyl; [[,]] or

R^6 represents: C_3-C_8-cycloalkyl, which can be substituted by up to three radicals independently selected from the group consisting of C_1-C_6-alkyl, hydroxy, oxo, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl; [[,]] C_2-C_6-alkenyl, which can be substituted by C_1-C_6-alkoxycarbonyl or hydroxycarbonyl; [[,]] C_1-C_6-alkylcarbonyl, which is substituted by C_1-C_6-alkoxycarbonylamino; [[,]] C_1-C_6-alkoxycarbonyl, which is substituted by phenyl-C_1-C_6-

alkoxycarbonyl, which ~~for its part,~~ in the phenyl moiety[[,]] can be further substituted by halogen, C_1-C_6-alkyl, C_1-C_6-alkoxycarbonyl, or hydroxycarbonyl; [[,]] or a group of the formula $-SO_2-R^m$, wherein R^m represents C_1-C_6-alkyl, which can be substituted by trifluoromethyl, or R^m represents C_6-C_{10}-aryl, which can be substituted by C_1-C_6-alkyl, halogen, cyano, nitro, trifluoromethyl, C_1-C_6-alkoxycarbonyl, or hydroxycarbonyl; [[,]]

R^7 represents halogen, nitro, cyano, C_1-C_6-alkyl, hydroxyl, or C_1-C_6-alkoxy, wherein C_1-C_6-alkyl and C_1-C_6-alkoxy can be further substituted with one to three identical or different radicals selected from the group consisting of halogen, hydroxyl, and C_1-C_4-alkoxy; [[,]] and

Y^1, Y^2, Y^3, Y^4, and Y^5 independently from each other represent CH or N, wherein the ring contains either 0, 1, or 2 nitrogen atoms,

and ~~their~~ salts thereof ~~, hydrates and/or solvates and their tautomeric forms~~.

2. (currently amended) The compound ~~Compounds~~ of ~~general~~ formula (I) according to claim 1, wherein

A represents an aryl or heteroaryl ring; [[,]]

R^1, R^2, and R^3 independently from each other represent hydrogen, halogen, nitro, cyano, C_1-C_6-alkyl, hydroxyl, or C_1-C_6-alkoxy, wherein C_1-C_6-alkyl and C_1-C_6-alkoxy can be further substituted with one to three identical or different radicals selected from the group consisting of halogen, hydroxyl, and C_1-C_4-alkoxy; [[,]]

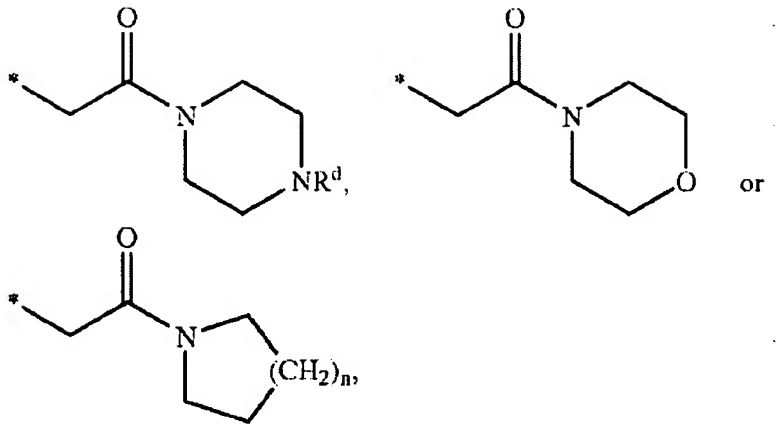
R^4 represents: C_1-C_6-alkyl, which can be substituted by up to three radicals independently selected from the group consisting of hydroxyl, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl; [[,]] C_3-C_8-cycloalkylcarbonyl, which can be substituted by up to three radicals independently selected from the group consisting of C_1-C_6-alkyl, hydroxy, oxo, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl; [[,]] C_6-C_{10}-arylcarbonyl, which is substituted by one, two, or three radicals independently selected from the group consisting of halogen, cyano, C_1-C_6-alkyl, trifluoromethyl, hydroxy, C_1-C_6-alkoxy, trifluoromethoxy, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl; [[,]] C_1-C_6-alkoxycarbonyl, which is substituted by one or two radicals independently selected from the group consisting of phenyl-C_1-C_6-alkoxy, phenyl-C_1-C_6-alkoxycarbonyl, C_1-C_6-alkoxy, C_1-C_6-alkoxycarbonylamino, and 5- or 6-membered heterocyclyl, wherein C_1-C_6-alkoxy is further substituted by C_1-C_6-alkoxycarbonyl, or hydroxycarbonyl, and 5- or 6-membered heterocyclyl is further substituted by hydroxy, oxo, C_1-C_6-alkoxycarbonyl, or hydroxycarbonyl; [[,]] heteroarylcarbonyl, which is substituted by one or two radicals independently selected from the group consisting of hydroxy, amino, halogen, C_1-C_6-alkoxy, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl, and which can additionally be substituted by C_1-C_6-alkyl; [[,]] mono- or di-C_1-C_6-alkylaminocarbonyl, wherein the alkyl moiety or at least one alkyl moiety, respectively, is substituted by C_6-C_{10}-aryl, which ~~for its part~~ can be further substituted by up to three radicals independently selected from the group consisting of halogen, cyano, trifluoromethyl, C_1-C_6-alkyl, hydroxy, C_1-C_6-alkoxy, trifluoromethoxy, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl; [[,]] heterocyclylcarbonyl, which is substituted by one, two, or three radicals independently selected from the group consisting of C_1-C_6-alkyl, hydroxy, oxo, C_1-C_6-alkoxy, C_1-C_6-alkoxycarbonyl, phenyl-C_1-C_6-alkoxycarbonyl, hydroxycarbonyl, 5- or 6-membered heterocyclyl, 5- or 6-membered heteroaryl, and C_6-C_{10}-aryl, wherein C_1-C_6-alkyl is further

substituted by hydroxy, C_1-C_6-alkoxy, C_1-C_6-alkoxycarbonyl, or hydroxycarbonyl, and wherein C_6-C_{10}-aryl can be further substituted by up to three radicals independently selected from the group consisting of halogen, cyano, trifluoromethyl, C_1-C_6-alkyl, hydroxy, C_1-C_6-alkoxy, trifluoromethoxy, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl; [[,]] or a group of the formula –C(=O)–NH–SO_2–R^b, wherein R^b represents C_1-C_6-alkyl, which can be substituted by trifluoromethyl, or R^b represents C_6-C_{10}-aryl, which can be substituted by C_1-C_6-alkyl, halogen, cyano, nitro, or trifluoromethyl; [[,]]

R^5 represents C_1-C_4-alkyl, which can be substituted with one to three identical or different radicals selected from the group consisting of halogen, hydroxy, C_1-C_6-alkoxy, C_2-C_6-alkenoxy, C_1-C_6-alkylthio, amino, mono- and di-C_1-C_6-alkylamino, arylamino, hydroxycarbonyl, C_1-C_6-alkoxycarbonyl, and the radical –O-C_1-C_4-alkyl-O-C_1-C_4-alkyl; [[,]]

R^6 represents hydrogen, C_1-C_6-alkyl, aminocarbonyl, mono- or di-C_1-C_4-alkylaminocarbonyl, C_3-C_8-cycloalkylcarbonyl, C_1-C_6-alkylcarbonyl, C_1-C_6-alkoxycarbonyl, N-(C_1-C_4-alkylsulfonyl)-aminocarbonyl, N-(C_1-C_4-alkylsulfonyl)-N-(C_1-C_4-alkyl)-aminocarbonyl-, heteroarylcarbonyl, or heterocyclylcarbonyl, wherein C_1-C_6-alkyl, mono- and di-C_1-C_4-alkylaminocarbonyl, C_1-C_6-alkylcarbonyl, and C_1-C_6-alkoxycarbonyl can be substituted with one to three identical or different radicals selected from the group consisting of aryl, heteroaryl, hydroxy, C_1-C_4-alkoxy, hydroxycarbonyl, C_1-C_6-alkoxycarbonyl, aminocarbonyl, mono- and di-C_1-C_4-alkylaminocarbonyl, amino, mono- and di-C_1-C_4-alkylamino, C_1-C_4-alkylcarbonylamino, N-(mono- or di-C_1-C_4-alkylamino-C_1-C_4-alkyl)-aminocarbonyl, N-(C_1-C_4-alkoxy-C_1-C_4-alkyl)-aminocarbonyl, and halogen; [[,]] or

R^6 represents a moiety of the formula



wherein R^d is selected from the group consisting of hydrogen and C_1-C_6-alkyl, and n represents an integer of 1 or 2; [[,]] or

R^6 represents a group of the formula –T–U, wherein T represents a C_1-C_4-alkanediyl or C_2-C_4-alkenediyl group, and U represents: C_6-C_{10}-aryl or 5- or 6-membered heteroaryl, each of which is substituted by one, two, or three radicals independently selected from the group consisting of halogen, C_1-C_6-alkyl, 5- or 6-membered heteroaryl, and a group of the formula –V–W, wherein V represents a bond, a C_2-C_6-alkenediyl group, or a C_1-C_6-alkanediyl group, the latter of which can be further substituted by C_3-C_8-cycloalkyl, and W represents C_1-C_6-alkoxycarbonyl or hydroxycarbonyl; [[,]] a group of the formula –C(=O)–NH–SO_2–R^f, wherein R^f represents C_1-C_6-alkyl, which can be substituted by trifluoromethyl, or R^f represents C_6-C_{10}-aryl, which can be substituted by C_1-C_6-alkyl, halogen, cyano, nitro, or trifluoromethyl; [[,]] or a group of the formula –C(=O)–NHR^h, wherein R^h represents C_6-C_{10}-aryl, which can be substituted by C_1-C_6-alkoxycarbonyl or hydroxycarbonyl; [[,]] or

R^6 represents: C_3-C_8-cycloalkyl, which can be substituted by up to three radicals independently selected from the group consisting of C_1-C_6-alkyl, hydroxy, oxo, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl; [[,]] or C_2-C_6-alkenyl, which can be substituted by C_1-C_6-alkoxycarbonyl or hydroxycarbonyl; [[,]]

R^7 represents halogen, nitro, cyano, C_1-C_6-alkyl, hydroxyl, or C_1-C_6-alkoxy, wherein C_1-C_6-alkyl and C_1-C_6-alkoxy can be further substituted with one to three identical or different radicals selected from the group consisting of halogen, hydroxyl, and C_1-C_4-alkoxy; [[,]] and

Y^1, Y^2, Y^3, Y^4, and Y^5 independently from each other represent CH or N, wherein the ring contains either 0, 1, or 2 nitrogen atoms.

3. (currently amended) The compound ~~Compounds~~ of ~~general~~ formula (I) according to claim 1, wherein

A represents a phenyl, naphthyl, or pyridyl ring; [[,]]

R^1, R^2, and R^3 independently from each other represent hydrogen, fluoro, chloro, bromo, nitro, cyano, methyl, ethyl, trifluoromethyl, or trifluoromethoxy; [[,]]

R^4 represents: C_1-C_4-alkyl, which can be substituted by up to two radicals independently selected from the group consisting of hydroxy, C_1-C_4-alkoxycarbonyl, and hydroxycarbonyl; [[,]] C_3-C_6-cycloalkylcarbonyl, which can be substituted by up to two radicals independently

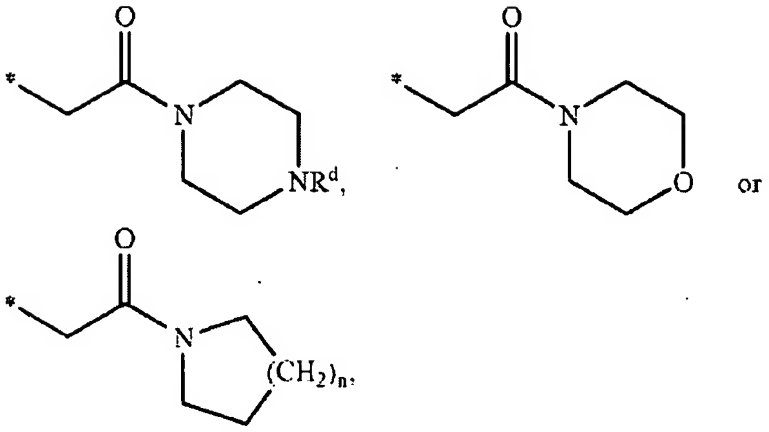
selected from the group consisting of C_1-C_4-alkyl, hydroxy, oxo, C_1-C_4-alkoxycarbonyl, and hydroxycarbonyl; [[,]] benzoyl, which is substituted by one, two, or three radicals independently selected from the group consisting of fluoro, chloro, bromo, cyano, C_1-C_4-alkyl, trifluoromethyl, hydroxy, C_1-C_4-alkoxy, trifluoromethoxy, C_1-C_4-alkoxycarbonyl, and hydroxycarbonyl; [[,]] C_1-C_4-alkoxycarbonyl, which is substituted by one or two radicals independently selected from the group consisting of benzyloxy, benzyloxycarbonyl, C_1-C_4-alkoxy, C_1-C_4-alkoxycarbonylamino, pyrrolidinyl, piperidinyl, and morpholinyl, wherein C_1-C_4-alkoxy is further substituted by C_1-C_4-alkoxycarbonyl or hydroxycarbonyl, and wherein pyrrolidinyl, piperidinyl, and morpholinyl is further substituted by hydroxy, oxo, C_1-C_4-alkoxycarbonyl, or hydroxycarbonyl; [[,]] furylcarbonyl, thienylcarbonyl, oxazolylcarbonyl, thiazolylcarbonyl, pyridylcarbonyl, or pyrimidinylcarbonyl, each of which is substituted by one or two radicals independently selected from the group consisting of hydroxy, amino, fluoro, chloro, bromo, C_1-C_4-alkoxy, C_1-C_4-alkoxycarbonyl, and hydroxycarbonyl, and each of which can additionally be substituted by C_1-C_4-alkyl; [[,]] mono- or di-C_1-C_4-alkylaminocarbonyl, wherein the alkyl moiety or at least one alkyl moiety, respectively, is substituted by phenyl, which ~~for its part~~ can be further substituted by up to three radicals independently selected from the group consisting of fluoro, chloro, bromo, cyano, trifluoromethyl, C_1-C_4-alkyl, hydroxy, C_1-C_4-alkoxy, trifluoromethoxy, C_1-C_4-alkoxycarbonyl, and hydroxycarbonyl; [[,]] tetrahydrofurylcarbonyl, tetrahydropyranylcarbonyl, piperidinylcarbonyl, piperazinylcarbonyl, or morpholinylcarbonyl, each of which is substituted by one or two radicals independently selected from the group consisting of C_1-C_4-alkyl, hydroxy, oxo, C_1-C_4-alkoxy, C_1-C_4-alkoxycarbonyl, benzyloxycarbonyl, hydroxycarbonyl, piperidinyl, morpholinyl, pyridyl, and phenyl, wherein C_1-C_4-alkyl is further substituted by hydroxy, C_1-C_4-alkoxy, C_1-C_4-alkoxycarbonyl, or hydroxycarbonyl, and wherein phenyl can be further substituted by up to three radicals independently selected

from the group consisting of fluoro, chloro, bromo, cyano, trifluoromethyl, C_1-C_4-alkyl, hydroxy, C_1-C_4-alkoxy, trifluoromethoxy, C_1-C_4-alkoxycarbonyl, and hydroxycarbonyl; [[,]] or a group of the formula –C(=O)–NH–SO_2–R^b, wherein R^b represents C_1-C_4-alkyl, which can be substituted by trifluoromethyl, or R^b represents phenyl, which can be substituted by C_1-C_4-alkyl, fluoro, chloro, bromo, cyano, nitro, or trifluoromethyl; [[,]]

R^5 represents methyl or ethyl; [[,]]

R^6 represents hydrogen, C_1-C_6-alkyl, mono- or di-C_1-C_4-alkylaminocarbonyl, C_1-C_6-alkylcarbonyl, C_1-C_6-alkoxycarbonyl, or heterocyclylcarbonyl, wherein C_1-C_6-alkyl and C_1-C_6-alkoxycarbonyl can be substituted with one to three identical or different radicals selected from the group consisting of hydroxy, C_1-C_4-alkoxy, hydroxycarbonyl, C_1-C_6-alkoxycarbonyl, aminocarbonyl, mono- and di-C_1-C_4-alkylaminocarbonyl, amino, mono- and di-C_1-C_4-alkylamino; [[,]] or

R^6 represents a moiety of the formula



wherein R^d is selected from the group consisting of hydrogen and C_1-C_4-alkyl, and n represents an integer of 1 or 2; [[,]] or

R^6 represents a group of the formula –T–U_1 wherein T represents a C_1-C_4-alkanediyl group, and U represents: phenyl, furyl, thienyl, oxazolyl, thiazolyl, or pyridyl, each of which is substituted by one or two radicals independently selected from the group consisting of fluoro, chloro, bromo, C_1-C_4-alkyl, thienyl, pyridyl, and a group of the formula –V–W_1 wherein V represents a bond or a C_1-C_4-alkanediyl or C_2-C_4-alkenediyl group, and W represents C_1-C_4-alkoxycarbonyl or hydroxycarbonyl; [[,]] a group of the formula –C(=O)–NH–SO_2–R^f_1 wherein R^f represents C_1-C_4-alkyl, which can be substituted by trifluoromethyl, or R^f represents phenyl, which can be substituted by C_1-C_4-alkyl, fluoro, chloro, bromo, cyano, nitro, or trifluoromethyl; [[,]] or a group of the formula –C(=O)–NHR^h_1 wherein R^h represents phenyl, which can be substituted by C_1-C_4-alkoxycarbonyl or hydroxycarbonyl, or

R^6 represents: C_3-C_6-cycloalkyl, which can be substituted by up to two radicals independently selected from the group consisting of C_1-C_4-alkyl, hydroxy, oxo, C_1-C_4-alkoxycarbonyl, and hydroxycarbonyl; [[,]] or C_2-C_4-alkenyl, which is substituted by C_1-C_4-alkoxycarbonyl or hydroxycarbonyl; [[,]]

R^7 represents halogen, nitro, cyano, trifluoromethyl, trifluoromethoxy, methyl, or ethyl; [[,]] and

Y^1, Y^2, Y^3, Y^4, and Y^5 each represent CH.

4. (currently amended) The compound ~~Compounds~~ of ~~general~~ formula (I) according to claim 1, wherein

A represents a phenyl or a pyridyl ring; [[,]]

R^1 and R^3 each represent hydrogen; [[,]]

R^2 represents fluoro, chloro, bromo, nitro, or cyano; [[,]]

R^4 represents: C_1-C_4-alkyl, which can be substituted by up to two radicals independently selected from the group consisting of hydroxy, C_1-C_4-alkoxycarbonyl, and hydroxycarbonyl; [[,]] C_3-C_6-cycloalkylcarbonyl, which can be substituted by up to two radicals independently selected from the group consisting of C_1-C_4-alkyl, hydroxy, oxo, C_1-C_4-alkoxycarbonyl, and hydroxycarbonyl; [[,]] benzoyl, which is substituted by one, two, or three radicals

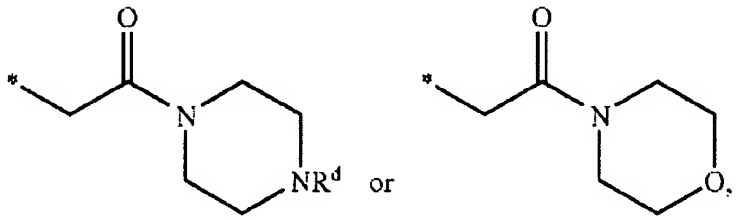
independently selected from the group consisting of fluoro, chloro, bromo, cyano, C_1-C_4-alkyl, trifluoromethyl, hydroxy, C_1-C_4-alkoxy, trifluoromethoxy, C_1-C_4-alkoxycarbonyl, and hydroxycarbonyl; [[,]] C_1-C_4-alkoxycarbonyl, which is substituted by one or two radicals independently selected from the group consisting of benzyloxy, benzyloxycarbonyl, C_1-C_4-alkoxy, C_1-C_4-alkoxycarbonylamino, pyrrolidinyl, piperidinyl, and morpholinyl, wherein C_1-C_4-alkoxy is further substituted by C_1-C_4-alkoxycarbonyl or hydroxycarbonyl, and wherein pyrrolidinyl, piperidinyl, and morpholinyl is further substituted by hydroxy, oxo, C_1-C_4-alkoxycarbonyl, or hydroxycarbonyl; [[,]] furylcarbonyl, oxazolylcarbonyl, thiazolylcarbonyl, or pyridylcarbonyl, each of which is substituted by one or two radicals independently selected from the group consisting of hydroxy, amino, fluoro, chloro, bromo, C_1-C_4-alkoxy, C_1-C_4-alkoxycarbonyl, and hydroxycarbonyl, and each of which can additionally be substituted by C_1-C_4-alkyl; [[,]] mono- or di-C_1-C_4-alkylaminocarbonyl, wherein the alkyl moiety or at least one alkyl moiety, respectively, is substituted by phenyl, which ~~for its part~~ can be further substituted by up to three radicals independently selected from the group consisting of fluoro, chloro, bromo, cyano, trifluoromethyl, C_1-C_4-alkyl, hydroxy, C_1-C_4-alkoxy, trifluoromethoxy, C_1-C_4-alkoxycarbonyl, and hydroxycarbonyl; [[,]] piperidinylcarbonyl, piperazinylcarbonyl, or morpholinylcarbonyl, each of which is substituted by one or two radicals independently selected from the group consisting of C_1-C_4-alkyl, hydroxy, oxo, C_1-C_4-alkoxy, C_1-C_4-alkoxycarbonyl, benzyloxycarbonyl, hydroxycarbonyl, piperidinyl, morpholinyl, pyridyl, and phenyl, wherein C_1-C_4-alkyl is further substituted by hydroxy, C_1-C_4-alkoxy, C_1-C_4-alkoxycarbonyl, or hydroxycarbonyl, and wherein phenyl can be further substituted by up to three radicals independently selected from the group consisting of fluoro, chloro, bromo, cyano, trifluoromethyl, C_1-C_4-alkyl, hydroxy, C_1-C_4-alkoxy, trifluoromethoxy, C_1-C_4-alkoxycarbonyl and hydroxycarbonyl; [[,]] or a group of the formula $-C(=O)-NH-SO_2-R^b$, wherein R^b represents C_1-C_4-alkyl, which can

be substituted by trifluoromethyl, or R^b represents phenyl, which can be substituted by C_1-C_4-alkyl, fluoro, chloro, bromo, cyano, nitro, or trifluoromethyl; [[,]]

R^5 represents methyl; [[,]]

R^6 represents hydrogen, C_1-C_4-alkyl, mono- or di-C_1-C_4-alkylaminocarbonyl, C_1-C_4-alkylcarbonyl, or C_1-C_4-alkoxycarbonyl, wherein C_1-C_4-alkyl and C_1-C_4-alkoxycarbonyl can be substituted with a radical selected from the group consisting of hydroxy, C_1-C_4-alkoxy, C_1-C_4-alkoxycarbonyl, hydroxycarbonyl, aminocarbonyl, mono- and di-C_1-C_4-alkylaminocarbonyl, amino, mono- and di-C_1-C_4-alkylamino; [[,]] or

R^6 represents a moiety of the formula



wherein R^d is selected from the group consisting of hydrogen and methyl; [[,]] or

R^6 represents a group of the formula –T–U, wherein T represents a $-CH_2-$ group, and U represents: phenyl, furyl, or oxazolyl, each of which is substituted by one or two radicals independently selected from the group consisting of fluoro, chloro, bromo, C_1-C_4-alkyl, and

a group of the formula –V–W_1 wherein V represents a bond, a –CH_2– group, or a –CH=CH– group, and W represents C_1-C_4-alkoxycarbonyl or hydroxycarbonyl; [[,]] a group of the formula –C(=O)–NH–SO_2–R^f, wherein R^f represents C_1-C_4-alkyl, which can be substituted by trifluoromethyl, or R^f represents phenyl, which can be substituted by C_1-C_4-alkyl, fluoro, chloro, bromo, cyano, nitro, or trifluoromethyl; [[,]] or a group of the formula –C(=O)–NHR^h, wherein R^h represents phenyl, which can be substituted by C_1-C_4-alkoxycarbonyl or hydroxycarbonyl; [[,]] or

R^6 represents: C_3-C_6-cycloalkyl, which can be substituted by C_1-C_4-alkoxycarbonyl or hydroxycarbonyl; [[,]] or a –CH=CH– group, which is substituted by C_1-C_4-alkoxycarbonyl or hydroxycarbonyl; [[,]]

R^7 represents trifluoromethyl or nitro; [[,]] and

Y^1, Y^2, Y^3, Y^4, and Y^5 each represent CH.

5. (currently amended) The compound ~~Compounds~~ of ~~general~~ formula (I) according to any of the preceding claims, wherein A is phenyl or pyridyl.

6. (currently amended) The compound ~~Compounds~~ of ~~general~~ formula (I) according to any of the preceding claims, wherein R^1 is hydrogen.

7. (currently amended) The compound ~~Compounds~~ of ~~general~~ formula (I) according to any of the preceding claims, wherein R^2 is cyano.

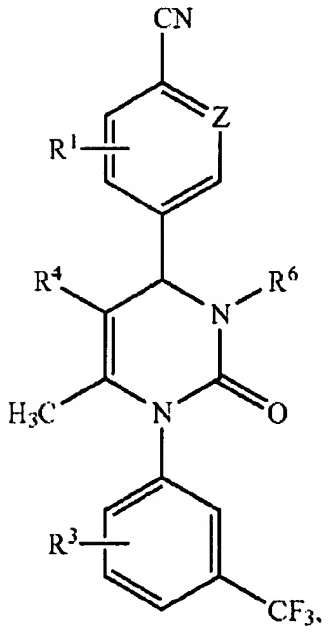
8. (currently amended) The compound ~~Compounds~~ of ~~general~~ formula (I) according to any of the preceding claims, wherein R^3 is hydrogen.

9. (currently amended) The compound ~~Compounds~~ of ~~general~~ formula (I) according to any of the preceding claims, wherein R^5 is methyl.

10. (currently amended) The compound ~~Compounds~~ of ~~general~~ formula (I) according to any of the preceding claims, wherein R^7 is trifluoromethyl or nitro.

11. (currently amended) A compound ~~Compounds~~ of ~~general~~ formula (IA)

(IA)



wherein

Z represents CH or N; [[,]] ~~and~~

~~R^1, R^3, R^4 and R^6 have the meaning indicated in any of the preceding claims~~

R^1 and R^3 independently from each other represent hydrogen, halogen, nitro, cyano, C_1-C_6-alkyl, hydroxy, or C_1-C_6-alkoxy, wherein C_1-C_6-alkyl and C_1-C_6-alkoxy can be further substituted with one to three identical or different radicals selected from the group consisting of halogen, hydroxyl, and C_1-C_4-alkoxy;

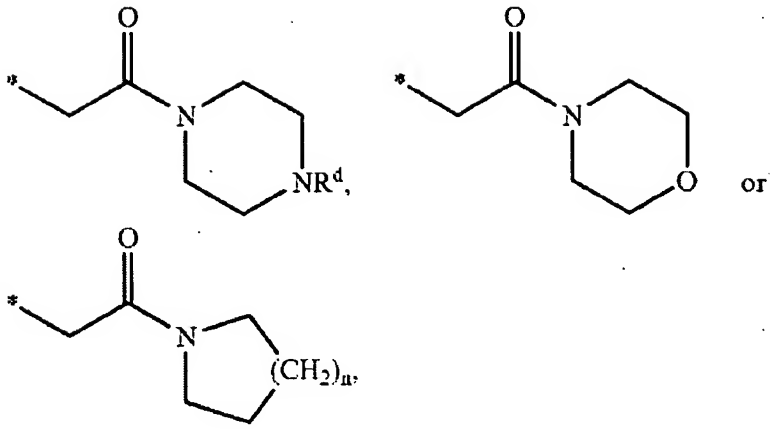
R^4 represents: C_1-C_6-alkyl, which can be substituted by up to three radicals independently selected from the group consisting of hydroxy, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl; C_3-C_8-cycloalkylcarbonyl, which can be substituted by up to three radicals independently selected from the group consisting of C_1-C_6-alkyl, hydroxy, oxo, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl; C_1-C_6-alkylcarbonyl, which is substituted by phenyl-C_1-C_6-alkoxy or phenyl-C_1-C_6-alkoxycarbonyl, which in the phenyl moiety can be substituted by halogen, C_1-C_6-alkyl, hydroxy, C_1-C_6-alkoxy, C_1-C_6-alkoxycarbonyl, or hydroxycarbonyl; C_6-C_{10}-arylcarbonyl, which is substituted by one, two, or three radicals independently selected from the group consisting of halogen, cyano, nitro, C_1-C_6-alkyl, trifluoromethyl, hydroxy, C_1-C_6-alkoxy, trifluoromethoxy, amino, C_1-C_6-alkoxycarbonyl, hydroxycarbonyl, and phenyl; C_1-C_6-alkoxycarbonyl, which is substituted by one or two radicals independently selected from the group consisting of phenyl-C_1-C_6-alkoxy, phenyl-C_1-C_6-alkoxycarbonyl, C_1-C_6-alkoxy, C_1-C_6-alkoxycarbonylamino, and 5- or 6-membered heterocyclyl, wherein C_1-C_6-alkoxy is further substituted by C_1-C_6-alkoxycarbonyl, or hydroxycarbonyl, and 5- or 6-membered heterocyclyl is further substituted by hydroxy, oxo, C_1-C_6-alkoxycarbonyl, or hydroxycarbonyl; heteroarylcarbonyl, which is substituted by one or two radicals independently selected from the group consisting of hydroxy, amino, halogen, C_1-C_6-alkoxy, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl, and which can additionally be substituted by

C_1-C_6-alkyl; mono- or di-C_1-C_6-alkylaminocarbonyl, wherein the alkyl moiety or at least one alkyl moiety, respectively, is substituted by C_6-C_{10}-aryl, which can be further substituted by up to three radicals independently selected from the group consisting of halogen, cyano, trifluoromethyl, C_1-C_6-alkyl, hydroxy, C_1-C_6-alkoxy, trifluoromethoxy, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl; C_6-C_{10}-arylaminocarbonyl or N-(C_1-C_6-alkyl)-N-(C_6-C_{10}-aryl)aminocarbonyl, wherein aryl is substituted by one, two, or three radicals independently selected from the group consisting of halogen, cyano, trifluoromethyl, C_1-C_6-alkyl, hydroxy, C_1-C_6-alkoxy, trifluoromethoxy, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl, and wherein alkyl, when present, can be substituted by up to three radicals independently selected from the group consisting of hydroxy, C_1-C_6-alkoxy, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl; C_3-C_8-cycloalkylaminocarbonyl or N-(C_1-C_6-alkyl)-N-(C_3-C_8-cycloalkyl)aminocarbonyl, wherein cycloalkyl can be substituted by up to three radicals independently selected from the group consisting of C_1-C_6-alkyl, hydroxy, oxo, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl, and wherein alkyl, when present, can be substituted by up to three radicals independently selected from the group consisting of hydroxy, C_1-C_6-alkoxy, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl; heterocyclylcarbonyl, which is substituted by one, two, or three radicals independently selected from the group consisting of C_1-C_6-alkyl, hydroxy, oxo, C_1-C_6-alkoxy, C_1-C_6-alkoxycarbonyl, phenyl-C_1-C_6-alkoxycarbonyl, hydroxycarbonyl, 5- or 6-membered heterocyclyl, 5- or 6-membered heteroaryl, and C_6-C_{10}-aryl, wherein C_1-C_6-alkyl is further substituted by hydroxy, C_1-C_6-alkoxy, C_1-C_6-alkoxycarbonyl, or hydroxycarbonyl, and wherein C_6-C_{10}-aryl can be further substituted by up to three radicals independently selected from the group consisting of halogen, cyano, trifluoromethyl, C_1-C_6-alkyl, hydroxy, C_1-C_6-alkoxy, trifluoromethoxy, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl; N-(heterocyclyl)aminocarbonyl, wherein heterocyclyl can be further substituted by up to three radicals independently selected from the group consisting of C_1-

C_6-alkyl, hydroxy, oxo, C_1-C_6-alkoxy, C_1-C_6-alkoxycarbonyl, hydroxycarbonyl, and phenyl-C_1-C_6-alkyl; a group of the formula $-C(=O)-NR^a-SO_2-R^b$, wherein R^a represents hydrogen or C_1-C_6-alkyl, and R^b represents C_1-C_6-alkyl, which can be substituted by trifluoromethyl, or R^b represents C_6-C_{10}-aryl, which can be substituted by C_1-C_6-alkyl, halogen, cyano, nitro, or trifluoromethyl; or a group of the formula $-P(=O)(OR^c)_2$, wherein R^c represents hydrogen or C_1-C_6-alkyl; and

R^6 represents hydrogen, C_1-C_6-alkyl, formyl, aminocarbonyl, mono- or di-C_1-C_4-alkylaminocarbonyl, C_3-C_8-cycloalkylcarbonyl, C_1-C_6-alkylcarbonyl, C_1-C_6-alkoxycarbonyl, N-(C_1-C_4-alkylsulfonyl)-aminocarbonyl, N-(C_1-C_4-alkylsulfonyl)-N-(C_1-C_4-alkyl)-aminocarbonyl- , heteroaryl, heterocyclyl, heteroarylcarbonyl, or hetero-cyclylcarbonyl, wherein C_1-C_6-alkyl, mono- and di-C_1-C_4-alkylaminocarbonyl, C_1-C_6-alkylcarbonyl, C_1-C_6-alkoxycarbonyl, heteroaryl, and heterocyclyl can be substituted with one to three identical or different radicals selected from the group consisting of aryl, heteroaryl, hydroxy, C_1-C_4-alkoxy, hydroxycarbonyl, C_1-C_6-alkoxycarbonyl, aminocarbonyl, mono- and di-C_1-C_4-alkylaminocarbonyl, amino, mono- and di-C_1-C_4-alkylamino, C_1-C_4-alkylcarbonylamino, tri-(C_1-C_6-alkyl)-silyl, cyano, N-(mono- or di-C_1-C_4-alkylamino-C_1-C_4-alkyl)-aminocarbonyl, N-(C_1-C_4-alkoxy-C_1-C_4-alkyl)-aminocarbonyl, and halogen; or

R^6 represents a moiety of the formula



wherein R^d is selected from the group consisting of hydrogen and C_1-C_6-alkyl, and n represents an integer of 1 or 2; or

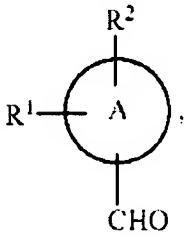
R^6 represents a group of the formula –T–U, wherein T represents a C_1-C_6-alkanediyl or C_2-C_6-alkenediyl group, and U represents: C_6-C_{10}-aryl or 5- or 6-membered heteroaryl, each of which is substituted by one, two, or three radicals independently selected from the group consisting of halogen, C_1-C_6-alkyl, 5- or 6-membered heteroaryl, and a group of the formula –V–W, wherein V represents a bond or a C_1-C_6-alkanediyl or C_2-C_6-alkenediyl group, both of which can be further substituted by C_3-C_8-cycloalkyl, and W represents C_1-C_6-alkoxycarbonyl or hydroxycarbonyl; a group of the formula $-C(=O)-NR^e-SO_2-R^f$, wherein R^e represents hydrogen or C_1-C_6-alkyl, and R^f represents C_1-C_6-alkyl, which can be substituted by trifluoromethyl, or R^f represents C_6-C_{10}-aryl, which can be substituted by C_1-C_6-alkyl, halogen, cyano, nitro, or trifluoromethyl; a group of the formula $-C(=O)-NR^gR^h$, wherein R^g represents hydrogen or C_1-C_6-alkyl, and R^h represents C_6-C_{10}-aryl, which can be substituted by C_1-C_6-alkoxycarbonyl or hydroxycarbonyl; a group of the formula $-C(=O)-NR^i-OR^k$, wherein R^i and R^k independently from each other represent hydrogen or C_1-C_6-

alkyl; or C_6-C_{10}-arylalkoxy, which, in the aryl part, can be substituted by halogen, C_1-C_6-alkyl, C_1-C_6-alkoxycarbonyl, or hydroxycarbonyl; or

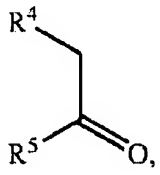
R^6 represents: C_3-C_8-cycloalkyl, which can be substituted by up to three radicals independently selected from the group consisting of C_1-C_6-alkyl, hydroxy, oxo, C_1-C_6-alkoxycarbonyl, and hydroxycarbonyl; C_2-C_6-alkenyl, which can be substituted by C_1-C_6-alkoxycarbonyl or hydroxycarbonyl; C_1-C_6-alkylcarbonyl, which is substituted by C_1-C_6-alkoxycarbonylamino; C_1-C_6-alkoxycarbonyl, which is substituted by phenyl-C_1-C_6-alkoxycarbonyl, which in the phenyl moiety can be further substituted by halogen, C_1-C_6-alkyl, C_1-C_6-alkoxycarbonyl, or hydroxycarbonyl; or a group of the formula $-SO_2-R^m$, wherein R^m represents C_1-C_6-alkyl, which can be substituted by trifluoromethyl, or R^m represents C_6-C_{10}-aryl, which can be substituted by C_1-C_6-alkyl, halogen, cyano, nitro, trifluoromethyl, C_1-C_6-alkoxycarbonyl, or hydroxycarbonyl.

12. (currently amended) Process for synthesizing a compound ~~the compounds~~ of ~~general~~ formula (I) according to claim 1 by condensing a compound ~~compounds~~ of general formula (II)

(II)

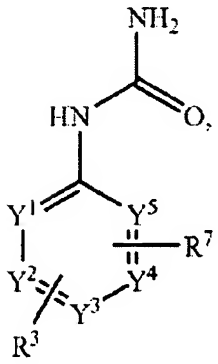


wherein A, R^1, and R^2 have the meaning indicated in claim 1, with a compound ~~compounds~~ of ~~general~~ formula (III)



(III)

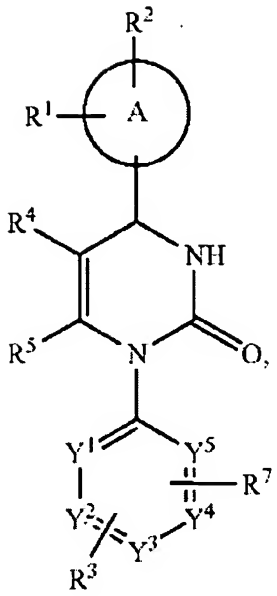
wherein R^4 and R^5 have the meaning indicated in claim 1, and a compound ~~compounds~~ of ~~general~~ formula (IV)



(IV)

wherein R^3, R^7, and Y^1 to Y^5 have the meaning indicated in claim 1, in the presence of an acid or acid anhydride to give a compound ~~compounds~~ of the ~~general~~ formula (IB)

(IB)



wherein A, R^1 to R^5, R^7, and Y^1 to Y^5 have the meaning indicated in claim 1, optionally followed, in case R^6 does not represent hydrogen, by reaction of the compound ~~compounds~~ of general formula (IB) with a compound ~~compounds~~ of ~~the general~~ formula (V)

$$R^{6*}\text{–}X \qquad (V),$$

wherein R^{6*} has the meaning of R^6 as indicated in claim 1, but does not represent hydrogen, and X represents a leaving group, in the presence of a base.

13. (currently amended) A ~~The~~ composition comprising a ~~containing at least one~~ compound of ~~general~~ formula (I) according to claim 1 and a pharmacologically acceptable excipient ~~diluent~~.

14–18. (canceled)

19. (currently amended) A method ~~Process~~ for treating ~~controlling~~ chronic obstructive pulmonary disease, acute coronary syndrome, acute myocardial infarction or ~~development~~ ~~of~~ heart failure in humans and animals comprising the step of administering a therapeutically effective ~~by administration of a neutrophil elastase inhibitory~~ amount of at least one compound of ~~general~~ formula (I) according to claim 1.